Composite Thrusters
Max Power Quick User Manual
Manuel d'utilisateur Max Power
Max Power Benutzerhandbuch
Max Power Manual del usuario
Max Power - Guida rapida

Serial Number:
Numéro de Série:
Serien Nummer:
N° de serie
Thruster Model:
Modèle du Propulseur :
Ruder-Modell:
Modelo de hélice :
Numero di serie:
Elica di manovra modello:

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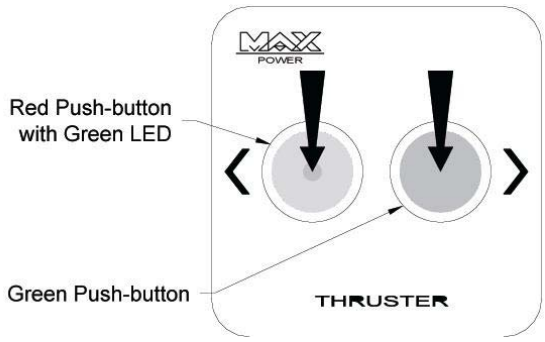
Fax: +33 4 92 19 60 61 mp@max-power.com www.max-power.com

General Safety Guidelines

a) Care must be taken not to use the thruster in swimming areas or at any time when people maybe in the water close to the thruster.
b) Never tamper with thruster or thruster turbine, if not 100% sure that all thruster electrical circuits have been cut off .
c) Under no circumstances should the thruster or its motor be run with the boat out of the water
d) When taking possession of a boat equipped with a Max Power thruster you must familiarise yourself with the thruster system as installed on your boat. Make sure that you know where the following components are located on your boat:
   i. The thruster unit.
   ii. The battery bank used for your thruster.
   iii. The power fuse as installed in the main positive battery supply cable of the thruster.
   iv. The manual battery isolator/switch as installed in the main positive battery supply cable of the thruster.
   v. The isolator switch on the DC equipment panel of your boat for the thruster.
e) Always switch off both the isolator on the DC equipment panel (for control supply) & the thruster manual battery isolator (thrusters power supply) after having left port & when the manoeuvre is finished, after docking.
f) The thruster unit should be kept dry and ventilated at all times. Failing to respect this will result in pre-mature failure of the unit as well as creating a risk of an electrical fault condition or short circuit.
g) Under no circumstances should any inflammable products be stored next to the electric components of the thruster installation.

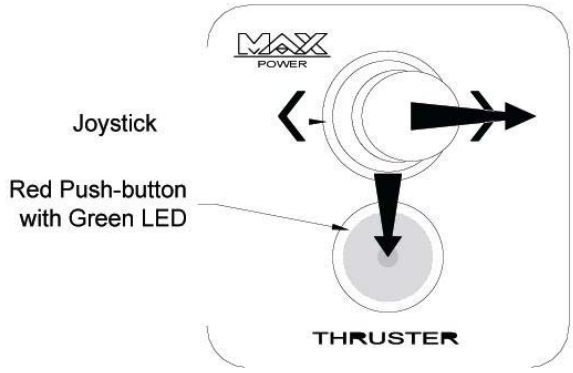
Control Panel & Control System Functions

To switch the thruster **"ON"** or **"OFF"** follow the instructions on the diagram below:



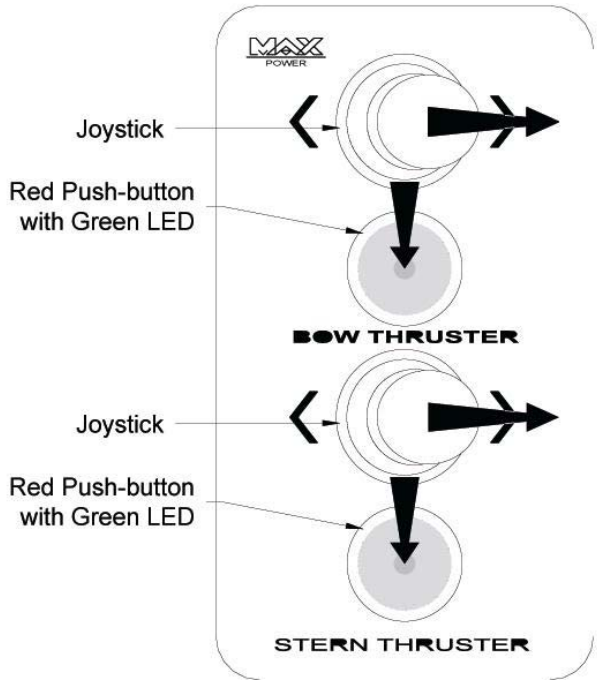
Single Touch Panel:

To Switch "ON" or "OFF" push down both red & green push-button for one second.



Single Joystick Panel:

To Switch "ON" or "OFF" push down the red push-button, while pushing joystick to the right for one second.



Double Joystick Panel:

To Switch "ON" or "OFF" push down the red push-button, while pushing joystick to the right for one second, for both bow and stern thruster.

a) When switched “ON” the unit will beep once and the green LED in the red push-button will light up.
b) When switched “OFF” the unit will beep twice and the green LED in the red push-button will go out.
c) If the thruster motor overheats the unit will start beeping, while the green LED will flash, until the thruster motor has cooled down.
d) Once the overheat alarm starts, the user has 10 seconds of actual thruster use before the unit automatically shuts down. The unit will then not be able to be switched on again until the motor has cooled down.
e) If the thruster unit has not been used for a period of ten minutes the unit will automatically switch off. Before switching off automatically the unit will warn you by beeping once followed by a second beep a few seconds later, after which the unit switches off.

Basic Operation

With the switch or isolator on DC equipment panel and the manual battery isolator switched on:

a) Switch on control panel, as described previously in manual.
b) Push red button or incline joystick to the left, boat moves to the left.
c) Push green button or incline joystick to the right, boat moves to the right.
d) When manoeuvring take into consideration the inertia effects, remember the boats momentum continues after you release the joystick /button, therefore remember to release the control prior to reaching your desired position.

Keep in mind when starting your manoeuvre that your thruster can not be run continuously for more than 1.5 minutes.

Overheat Alarm

The electric motor of the thruster is fitted with an over heat sensor. If the thruster motor overheats the buzzer in the control panel will start beeping, while the green LED in the red-push button will flash.

Once the overheat alarm starts, the user has 10 seconds off actual thruster use before the unit automatically shuts down. The unit will then not be able to be switched on again until the motor has sufficiently cooled down.

Information or assistance please refer to the "Installation, Operation & Maintenance" manual for your specific thruster model, which are available on our web-site (www.max-power.com) or contact your closest Max Power distributor (See "*Distributor Contact List*") for further assistance.

Warranty

The purpose of this document is to set out the terms of warranty cover offered in relation to products purchased by the End User from Max Power or its approved network of resellers. This document will adhere to the following format:-

1) Definitions

Authorized Repair Number – The number given by Max Power on reporting a fault with your thruster
Dealer – An authorized Max Power sales centre
End User – The boat supplied with supplied equipment and the owner thereof
Installer – The authorized centre responsible for the installation of your thruster
Manufacturer – supplier of the equipment under warranty
Pleasure Craft – Vessels used for owner's personal use that have no commercial use (i.e Charter boats or work boats)
Resellers – Max Power approved distributors and dealers
Serial Number – Number in upper right hand corner of Warranty document
Supplier – The manufacturer (Max Power)
Warranty – The terms and conditions that are covered by the manufacturer

2) Period of Coverage

The equipment manufactured by the Supplier is guaranteed to be free from defective workmanship, components and materials under normal usage conditions for a period of two years from the date of purchase by the End User. This warranty is transferable to subsequent owners of this equipment during the period of coverage.
If the material is used for anything other than for pleasure craft, the guarantee is limited to a six-month period.

3) Warranty Registration

Register your purchase now to receive free extended warranty coverage. This can be done using one of the following methods (NB. proof of purchase must be included to establish that equipment is still under warranty):

a) The quickest and easiest method to register your warranty is to fax the attached installation check list and warranty registration to the Manufacturer (Fax: +33 4 92 19 60 61)
b) Mail in your warranty registration document, please ensure that you make a copy before sending it. (10 Allée F Coli, 06210 Cannes-Mandelieu, France).

4) Warranty Terms

Year 1 - All factory testing, diagnosis, repairs and replacements are performed at no charge to the End User. All parts and up to two hours of labour are covered for repairs and replacements conducted in the field.

Year 2 - All factory testing, diagnosis, repairs and replacements are performed at no charge to the End User. This excludes any damage or faults occurring from normal wear and tear on the following items: engine, oil seals, relay contacts(If warranty is registered within the 3 month period following installation), also excluded labour & shipping costs.

5) Warranty Exclusions

Damage due to modifications or installation contrary to published specifications
Cost of hauling the boat
Damage due to repairs performed by an unauthorized service centre
Damage due to lack of normal maintenance services
Damage due to water
Parts replaced due to normal wear and tear
Repairs performed without knowledge of manufacturer (please contact dealer to receive Repair Authorization Number)
Tampering of equipment by the End User
Cost of travel to and from the job site
Cost of economic loss, including injury to any person, damage to property, loss of income or profit, communication, lodging, inconvenience
Consequential damage due to failure, including those arising from collision with other vessels or objects

6) Procedural Guidelines

PLEASE VIEW THE TROUBLE SHOOTING LIST TO ASCERTAIN OR SOLVE ORIGIN OF PROBLEM PRIOR TO CONTACTING THE DEALER/INSTALLER

1) Contact your dealer/installer to report the problem.
   a. If you do not know who this is contact the nearest Max Power distributor.
   b. If you are in foreign waters please contact the nearest Max Power distributor.
2) Ensure you have your serial number and model number to hand (top right hand corner of warranty).
3) Dealer/Installer will come to site to decipher the cause of the fault.
4) If the cause of fault is due to a manufacturing problem the dealer will contact Max Power to receive Repair Authorization Number.
5) If the problem is due to an installation error please contact your installer.